

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: EPHESUS

Report Number: P1306081 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-80-7F-CV1-A**

Issue Date: 2/3/2026

**Test Information**

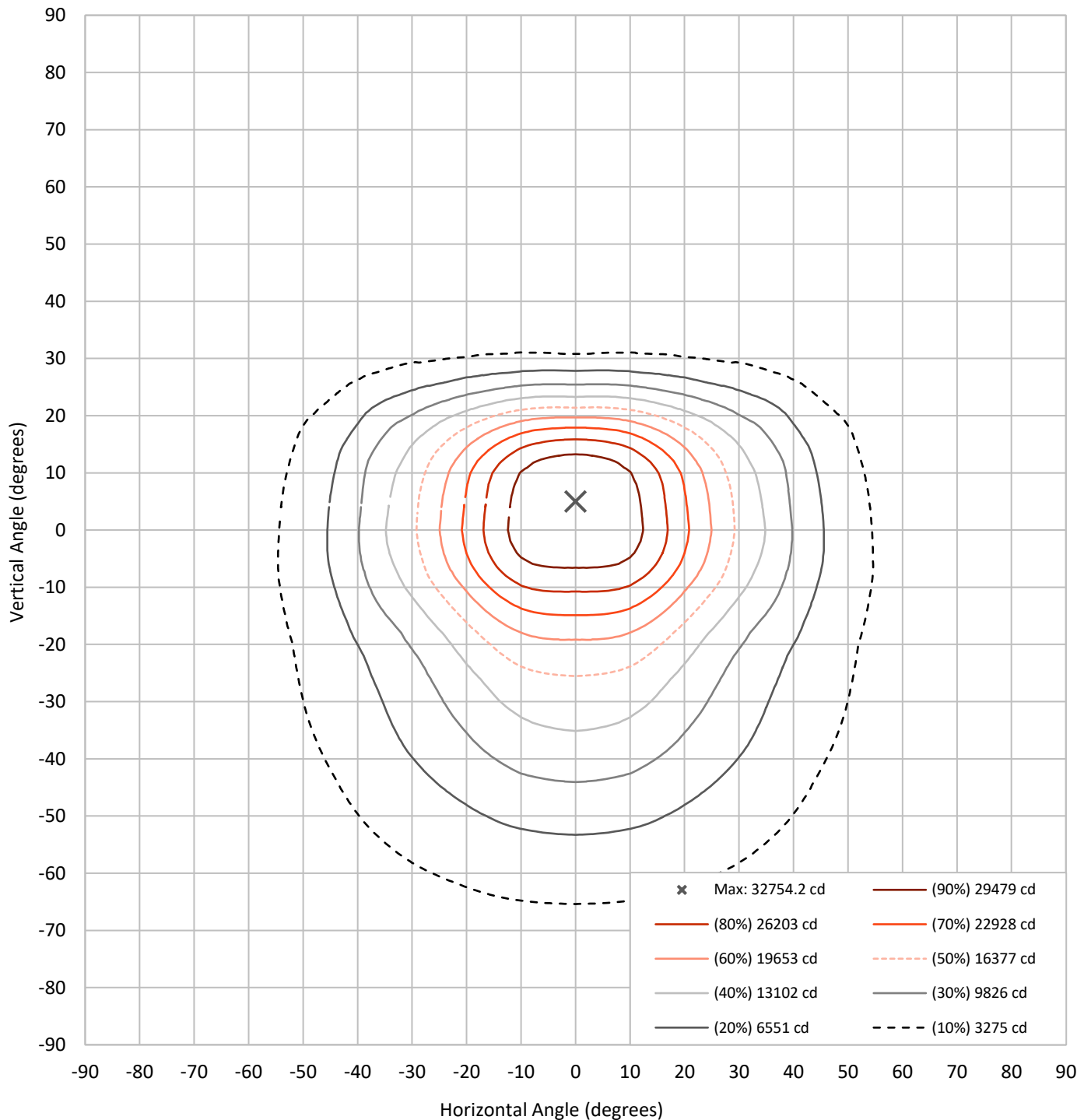
Test Method: LM-79-08  
Report Number: P1306081 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-44)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320N-50-80-7F-CV1-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5000K, 80 CRI LEDS AND 7F BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	32093.6 lumens	Max Intensity:	32754.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	96.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	57.7°H x 46.8°V	Field Angle (10%):	107.9°H x 96.1°V
Beam Lumens:	15436.4 lumens	Field Lumens:	29751.7 lumens
Beam Efficiency:	48.1%	Field Efficiency:	92.7%
Input Watts (W):	334		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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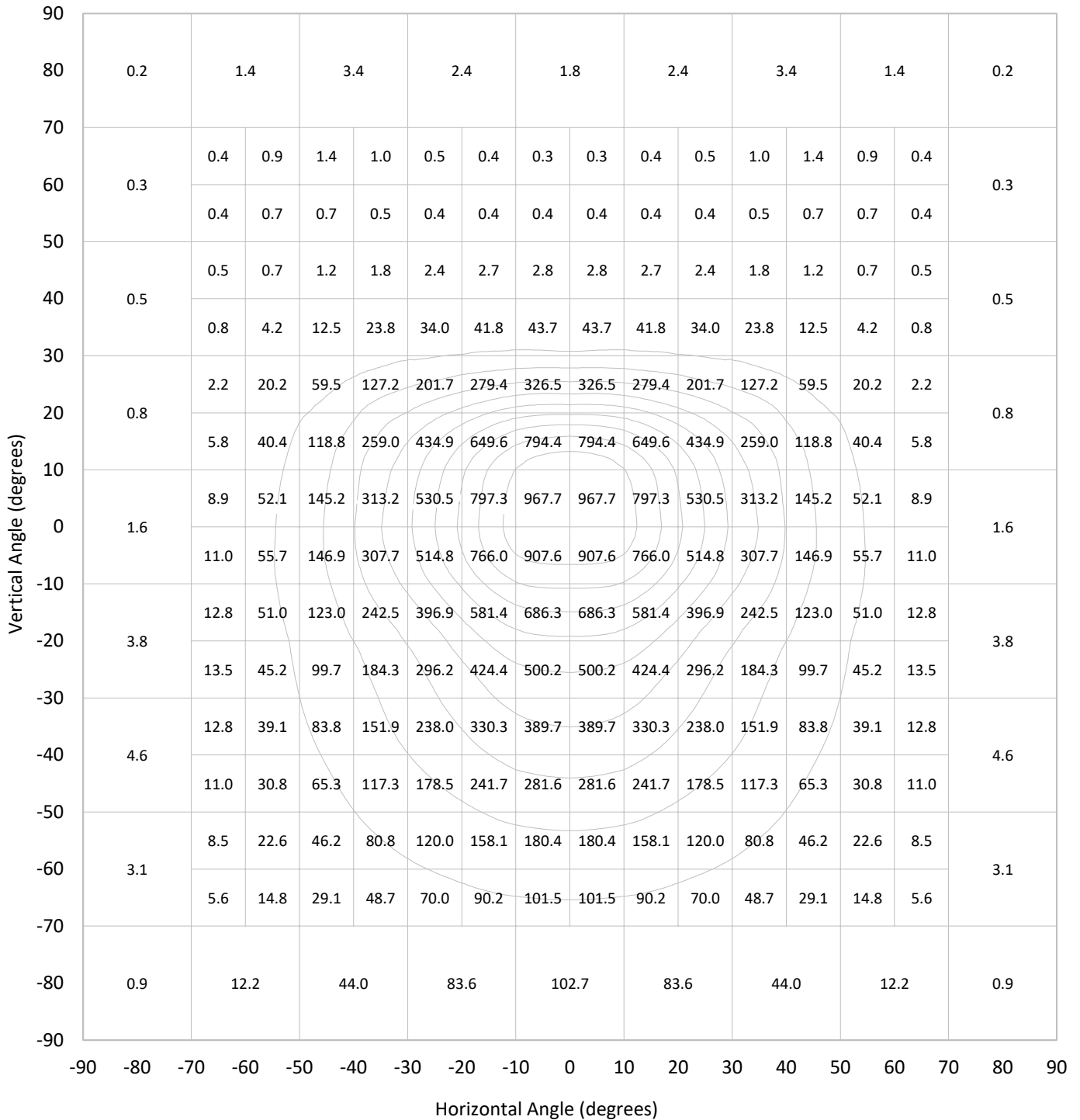
### Iso-Candela Plot





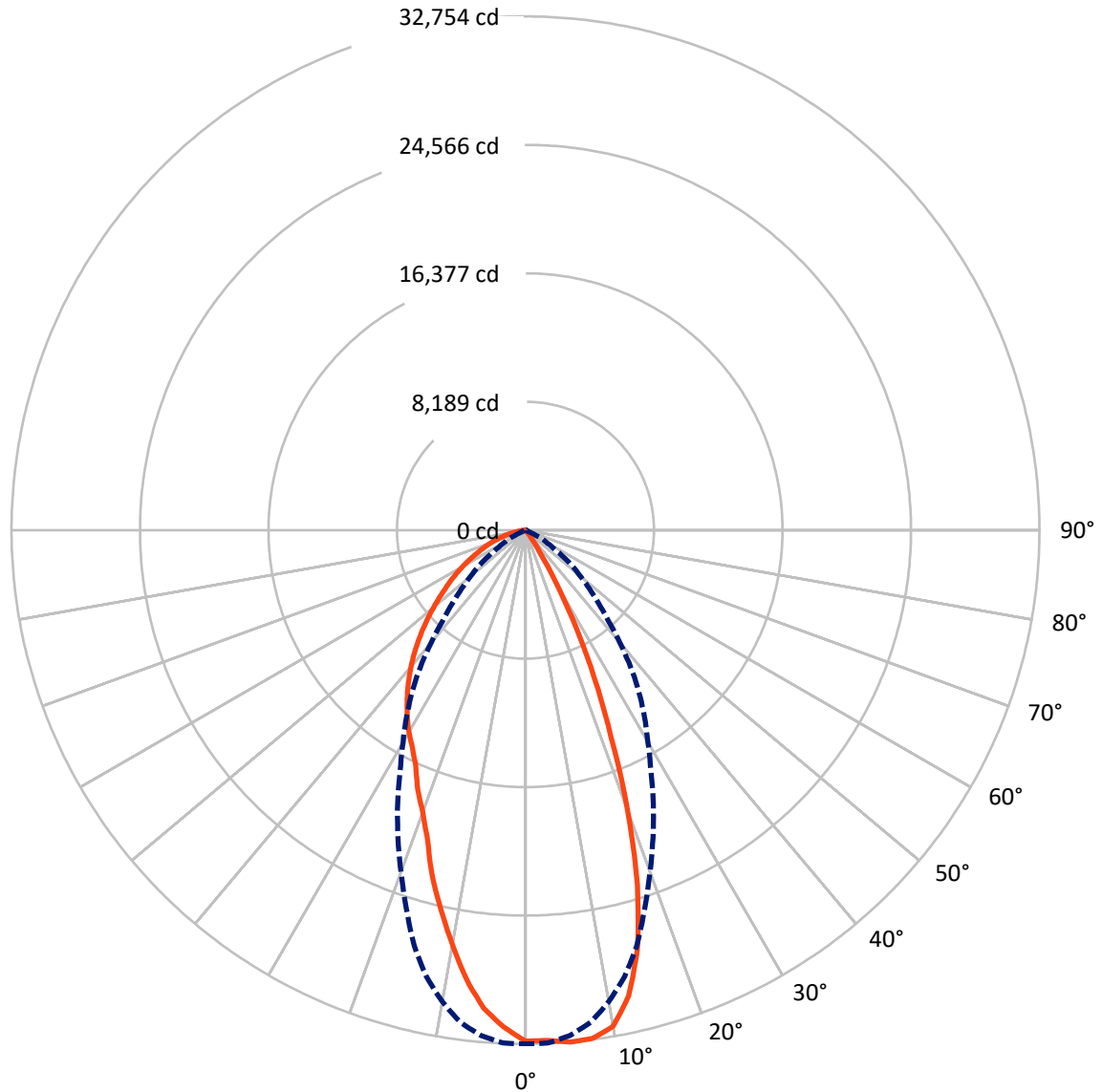
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### Lumen Table



REPORT NUMBER: P1306081 (CONVERTED FROM TYPE C PHOTOMETRY)  
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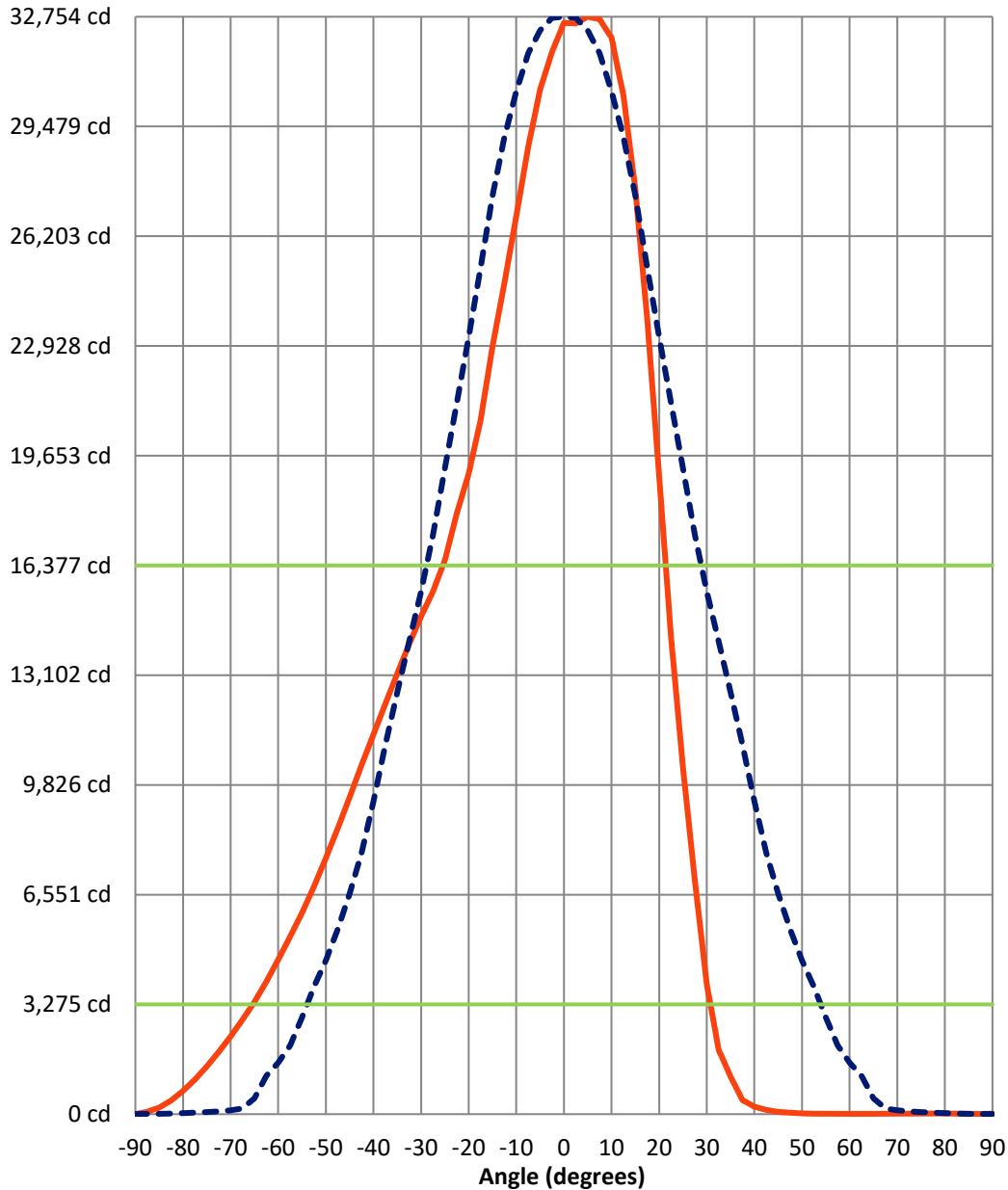
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 57.7°  
 V Angle: 46.8°  
 Lumens: 15436.4  
 Efficiency: 48.1%

**Field:**  
 H Angle: 107.9°  
 V Angle: 96.1°  
 Lumens: 29751.7  
 Efficiency: 92.7%

**Spill:**  
 Lumens: 2341.9  
 Efficiency: 7.3%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 5-Deg



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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.5	5.1	5.6	5.9	6.2	6.4	6.7	7.0	7.3	7.6	7.9
87.5°	4.5	5.2	6.0	6.1	6.2	6.5	6.8	6.8	6.6	6.5	6.2
85°	4.5	5.4	6.4	6.8	7.4	8.2	9.1	9.3	9.3	9.3	9.1
82.5°	4.5	5.6	6.8	7.5	8.5	9.9	11.4	11.9	12.0	12.6	14.0
80°	4.5	5.7	7.1	8.2	9.7	11.5	13.5	13.7	14.8	16.9	19.9
77.5°	4.5	5.9	7.5	8.9	10.8	12.6	14.0	15.2	17.4	20.9	24.4
75°	4.5	6.0	7.9	9.6	11.7	12.9	14.4	16.5	19.7	22.4	25.2
72.5°	4.5	6.2	8.2	10.3	11.7	13.0	14.8	17.4	20.2	23.0	25.8
70°	4.5	6.4	8.6	10.8	11.7	13.2	15.2	17.9	20.7	23.6	27.2
67.5°	4.5	6.5	8.9	10.7	11.7	13.3	15.7	18.3	21.2	24.9	28.6
65°	4.5	6.6	9.2	10.6	11.7	13.6	16.1	18.7	22.4	26.2	30.3
62.5°	4.5	6.8	9.5	10.5	11.6	14.0	16.6	19.4	23.4	27.5	32.3
60°	4.5	6.9	9.8	10.3	11.5	14.5	17.1	20.3	24.4	29.0	34.1
57.5°	4.5	7.0	9.7	10.2	11.8	14.9	17.9	21.2	25.5	30.3	35.0
55°	4.5	7.2	9.6	10.0	12.2	15.4	18.8	22.2	26.4	31.4	35.5
52.5°	4.5	7.3	9.6	9.8	12.6	15.9	19.7	23.3	27.2	32.0	36.1
50°	4.5	7.4	9.5	9.6	13.0	16.6	20.5	24.5	27.9	32.6	36.2
47.5°	4.5	7.5	9.4	9.5	13.4	17.3	21.4	25.8	28.5	33.2	36.9
45°	4.5	7.6	9.4	9.7	13.7	18.0	22.6	27.2	30.1	34.3	38.0
42.5°	4.5	7.7	9.4	10.0	14.1	18.6	23.9	28.8	32.0	35.9	39.9
40°	4.5	7.7	9.4	10.4	14.5	19.2	25.3	30.6	34.4	38.0	42.5
37.5°	4.5	7.8	9.4	10.9	14.9	19.8	26.7	32.6	37.4	41.7	45.6
35°	4.5	7.9	9.4	11.5	15.3	20.7	28.1	34.7	40.7	46.2	50.0
32.5°	4.5	7.9	9.4	12.0	15.7	21.8	29.7	36.9	44.0	51.2	58.3
30°	4.5	8.0	9.4	12.6	16.1	22.9	31.4	39.4	47.5	56.8	67.8
27.5°	4.5	8.0	9.4	13.2	17.2	23.9	33.2	42.2	51.5	62.7	78.5
25°	4.5	8.0	9.5	13.8	18.5	25.0	35.0	45.0	56.3	70.7	91.3
22.5°	4.5	8.0	9.5	14.4	19.9	26.5	36.8	47.9	61.3	80.0	134.0
20°	4.5	8.1	9.6	15.0	21.3	29.4	38.6	50.7	66.4	89.8	181.8
17.5°	4.5	8.1	9.7	15.6	22.8	32.3	41.9	53.5	71.6	99.8	233.6
15°	4.5	8.1	9.7	16.2	24.3	35.2	46.1	57.8	76.8	110.0	288.1
12.5°	4.5	8.1	9.8	16.7	25.7	38.1	50.3	63.9	84.8	120.2	343.9
10°	4.5	8.0	9.9	17.3	27.2	41.0	54.4	70.0	95.2	136.0	396.5
7.5°	4.5	8.0	9.9	17.8	28.6	43.8	58.4	76.1	105.5	152.3	439.3
5°	4.5	8.0	10.0	18.3	30.0	46.6	62.3	82.0	115.6	168.2	476.7
2.5°	4.5	7.9	10.0	18.7	31.4	49.2	66.0	87.7	125.4	183.3	508.1
0°	4.5	7.9	10.1	19.1	32.6	51.6	69.6	93.2	134.7	197.6	533.2
-2.5°	4.5	8.0	10.9	21.4	37.9	61.7	87.0	122.5	180.4	264.3	602.8
-5°	4.5	8.2	11.6	23.7	43.0	71.5	104.1	151.1	224.8	328.9	665.6
-7.5°	4.5	8.3	12.4	25.8	47.9	80.9	120.4	178.4	267.2	390.4	721.5
-10°	4.5	8.4	13.1	27.9	52.5	89.7	135.9	204.2	306.9	447.9	770.6
-12.5°	4.5	8.5	13.8	29.8	56.8	97.8	150.4	228.0	343.3	500.5	816.5
-15°	4.5	8.6	14.4	31.5	60.6	105.2	163.5	249.4	377.8	548.0	855.7
-17.5°	4.5	8.7	15.0	33.0	64.1	111.7	175.2	272.3	411.0	590.0	886.1
-20°	4.5	8.8	15.5	34.3	67.0	117.3	188.0	295.7	440.4	626.0	907.2



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 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.5	8.8	16.0	35.4	69.4	121.8	203.3	316.0	465.4	655.6	918.9
-25°	4.5	8.9	16.4	36.2	71.2	128.7	216.3	333.1	486.0	678.3	920.9
-27.5°	4.5	8.9	16.7	36.8	72.4	135.6	226.9	346.8	501.8	696.1	942.7
-30°	4.5	8.9	17.0	37.1	73.2	141.0	234.9	356.7	515.3	712.0	956.5
-32.5°	4.5	8.9	17.2	37.1	76.0	144.8	240.3	365.3	525.4	721.5	960.7
-35°	4.5	8.9	17.3	36.8	77.8	146.9	244.1	370.7	530.4	724.3	955.1
-37.5°	4.5	8.9	17.3	36.2	78.6	147.9	245.9	372.1	530.2	720.5	926.9
-40°	4.5	8.8	17.2	35.3	78.4	148.4	245.2	369.6	524.8	713.8	897.1
-42.5°	4.5	8.8	17.1	34.5	78.0	147.3	241.9	363.0	516.5	689.5	861.6
-45°	4.5	8.7	16.9	34.1	77.5	144.6	236.1	354.0	504.1	658.9	821.7
-47.5°	4.5	8.6	16.5	33.2	76.2	140.3	227.7	343.6	486.1	624.0	781.9
-50°	4.5	8.5	16.1	32.9	74.0	134.4	219.3	329.7	456.0	589.1	737.2
-52.5°	4.5	8.4	15.6	32.6	71.1	126.9	209.1	312.5	426.8	550.3	688.1
-55°	4.5	8.2	15.1	31.9	67.3	120.6	196.7	292.5	396.1	507.7	638.7
-57.5°	4.5	8.1	14.4	30.8	62.8	113.7	182.2	273.2	362.5	466.2	585.0
-60°	4.5	7.9	13.7	29.4	57.6	105.5	166.2	248.8	327.3	422.8	529.3
-62.5°	4.5	7.7	13.2	27.6	54.0	96.2	152.9	221.8	294.5	376.1	474.2
-65°	4.5	7.5	12.7	25.6	49.8	85.9	138.1	195.2	259.6	332.8	415.5
-67.5°	4.5	7.3	12.1	23.3	45.1	76.4	121.9	172.2	222.9	288.9	360.8
-70°	4.5	7.1	11.5	20.7	39.9	67.7	104.4	148.1	193.1	242.9	306.6
-72.5°	4.5	6.8	10.8	18.9	34.3	58.3	89.8	123.0	162.2	205.4	252.6
-75°	4.5	6.6	10.1	17.3	28.3	48.4	74.9	101.2	130.2	166.9	206.9
-77.5°	4.5	6.4	9.4	15.6	24.5	37.9	59.2	80.1	103.2	129.1	159.9
-80°	4.5	6.1	8.7	13.7	21.0	30.4	42.9	58.5	76.0	95.9	118.1
-82.5°	4.5	5.9	7.9	11.8	17.4	24.6	33.4	40.2	48.3	62.0	77.4
-85°	4.5	5.6	7.2	9.9	13.7	18.6	24.6	29.2	34.1	39.2	44.7
-87.5°	4.5	5.3	6.4	7.9	9.9	12.6	15.7	18.1	20.7	23.5	26.4
-90°	4.5	5.1	5.6	5.3	5.1	4.8	4.5	4.2	4.0	3.7	3.4



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 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.9	7.9	7.9	7.9	8.2	8.5	8.7	9.0	9.6	10.1	10.7
87.5°	6.6	7.0	7.4	7.9	7.3	6.6	5.8	5.0	5.2	5.5	5.8
85°	9.8	10.6	11.6	12.4	11.8	11.3	11.0	10.8	11.4	11.8	12.2
82.5°	15.3	16.3	16.8	17.0	17.3	17.8	18.8	20.8	22.1	22.9	23.4
80°	21.4	22.0	22.5	24.0	26.6	29.8	33.3	37.1	38.4	38.5	38.1
77.5°	25.1	26.4	29.1	33.0	37.4	41.8	46.7	52.0	53.6	53.1	52.1
75°	27.2	30.4	35.1	40.7	46.6	52.6	59.0	64.9	66.6	64.8	62.3
72.5°	29.3	34.2	40.4	47.7	54.1	60.3	67.2	74.7	77.3	73.5	69.0
70°	31.4	37.6	44.6	51.9	59.2	66.2	72.9	80.1	84.4	78.4	69.3
67.5°	33.2	40.4	47.8	55.3	61.9	68.8	76.3	79.4	81.4	71.7	61.4
65°	35.3	42.9	49.7	56.3	63.4	66.2	68.7	71.3	70.9	59.9	48.9
62.5°	37.4	43.6	50.1	55.4	57.1	58.8	58.8	57.1	54.4	46.8	37.4
60°	38.2	43.6	48.0	49.8	50.2	48.6	46.5	44.3	41.1	34.7	28.3
57.5°	38.6	41.5	43.6	44.1	42.2	39.0	37.5	34.2	31.4	27.7	22.4
55°	38.4	38.0	39.2	38.2	35.9	33.3	30.7	28.5	25.0	23.9	21.6
52.5°	37.4	35.7	35.1	34.0	32.4	29.8	27.2	25.4	24.6	23.2	21.3
50°	37.1	34.8	32.1	32.0	30.8	28.9	26.1	25.8	25.8	24.6	22.3
47.5°	37.5	34.9	31.5	31.5	31.7	32.4	30.1	29.0	29.4	32.7	29.2
45°	38.8	37.4	33.8	33.7	36.8	41.0	44.7	34.4	44.8	50.0	54.2
42.5°	40.8	41.4	43.2	36.8	48.7	63.7	70.9	74.6	70.8	87.2	104.1
40°	45.3	46.9	59.4	64.3	69.4	100.4	143.5	153.6	116.7	162.3	190.5
37.5°	50.9	66.7	88.5	114.8	112.5	177.3	244.7	296.4	291.3	275.4	394.5
35°	57.3	91.1	149.9	208.7	234.4	295.8	420.2	510.3	563.9	596.2	694.3
32.5°	74.9	120.1	226.7	351.5	458.9	519.8	637.2	834.7	1021.5	1133.1	1132.0
30°	105.8	191.3	335.1	526.8	735.6	906.8	1004.0	1257.7	1613.8	1867.1	2035.8
27.5°	151.6	277.9	502.3	780.0	1072.5	1363.3	1557.1	1886.8	2366.0	2751.9	3112.4
25°	207.5	415.5	690.6	1081.1	1511.2	1880.6	2159.5	2617.7	3224.9	3830.2	4433.3
22.5°	296.5	575.2	899.6	1410.2	1995.5	2415.3	2824.8	3383.4	4085.6	4935.3	5855.0
20°	420.5	761.1	1122.7	1668.6	2479.7	2959.6	3462.3	4129.0	4947.9	5980.8	7208.7
17.5°	554.6	936.6	1341.5	1950.0	2741.4	3406.4	4081.5	4841.2	5759.0	6957.2	8279.8
15°	695.6	1101.7	1537.0	2201.4	2986.5	3704.9	4503.7	5491.8	6574.1	7869.9	9253.4
12.5°	840.1	1256.2	1710.2	2422.8	3220.4	3975.3	4827.2	5854.9	7114.0	8634.0	10086.3
10°	984.7	1400.2	1862.4	2614.6	3439.8	4217.1	5105.0	6156.5	7437.5	8960.4	10530.2
7.5°	1073.3	1495.2	1986.9	2777.5	3641.1	4429.8	5338.3	6398.9	7661.7	9193.8	10811.7
5°	1140.3	1537.9	2051.5	2888.5	3800.2	4587.4	5520.3	6584.6	7796.6	9336.0	11025.4
2.5°	1192.4	1569.4	2103.2	2971.0	3920.4	4673.0	5628.6	6703.4	7937.2	9512.8	11241.2
0°	1229.2	1590.7	2140.7	3027.6	4010.9	4728.2	5699.3	6774.7	8035.3	9666.4	11433.3
-2.5°	1264.9	1656.5	2217.0	3099.8	4024.0	4736.5	5726.2	6777.6	8035.2	9636.6	11353.7
-5°	1287.4	1711.2	2277.2	3145.2	4010.6	4719.5	5711.3	6736.9	7947.7	9461.9	11058.7
-7.5°	1299.0	1753.1	2320.6	3152.1	3941.3	4620.0	5532.8	6496.9	7658.7	9077.5	10549.9
-10°	1305.2	1778.3	2316.0	3057.2	3797.5	4459.9	5294.4	6218.1	7312.5	8631.9	9994.1
-12.5°	1322.4	1792.0	2295.1	2953.6	3641.3	4279.0	5030.1	5904.7	6910.9	8133.5	9383.3
-15°	1331.7	1798.9	2265.9	2846.7	3477.0	4078.5	4743.9	5559.9	6475.9	7569.5	8678.4
-17.5°	1334.3	1800.1	2230.4	2741.4	3308.8	3860.1	4462.4	5264.4	6098.4	7042.8	7988.5
-20°	1331.4	1796.8	2190.1	2642.3	3143.4	3701.4	4309.4	5009.1	5755.7	6554.3	7342.1



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 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1324.0	1789.7	2156.1	2572.0	3064.0	3597.4	4156.7	4762.1	5404.6	6098.0	6897.0
-25°	1320.3	1764.0	2133.4	2522.2	2987.1	3488.0	3996.2	4534.0	5094.1	5820.4	6582.4
-27.5°	1314.5	1736.9	2088.9	2453.2	2898.2	3377.5	3854.1	4345.0	4920.1	5572.5	6279.7
-30°	1297.2	1671.3	2028.3	2372.4	2804.1	3265.9	3721.0	4187.7	4731.8	5346.9	6003.0
-32.5°	1248.4	1596.8	1947.8	2293.4	2690.8	3143.5	3583.6	4036.2	4540.9	5092.1	5723.3
-35°	1193.8	1519.9	1857.5	2195.5	2558.6	2995.2	3423.3	3860.8	4329.3	4846.4	5434.9
-37.5°	1154.0	1437.3	1760.8	2085.1	2433.6	2821.5	3241.4	3662.4	4106.0	4598.8	5155.3
-40°	1106.7	1349.3	1662.7	1973.1	2290.3	2648.0	3040.2	3444.3	3860.7	4352.1	4862.2
-42.5°	1053.8	1288.1	1560.9	1854.3	2153.5	2478.5	2828.6	3213.1	3630.9	4088.0	4566.9
-45°	1008.0	1219.3	1459.1	1733.7	2011.6	2306.1	2630.8	2974.5	3387.2	3812.6	4257.3
-47.5°	956.0	1147.4	1372.9	1606.2	1868.0	2139.6	2426.7	2761.6	3128.1	3526.5	3934.4
-50°	899.8	1082.2	1274.6	1491.5	1723.5	1972.1	2234.2	2539.7	2874.4	3230.2	3605.7
-52.5°	843.2	1010.2	1187.4	1376.2	1586.9	1810.3	2053.1	2325.2	2621.3	2933.1	3264.4
-55°	781.3	937.2	1098.4	1269.7	1453.5	1656.2	1873.3	2116.5	2371.1	2653.8	2932.4
-57.5°	717.6	858.6	1007.3	1165.9	1331.1	1503.4	1700.2	1906.2	2136.3	2377.9	2623.7
-60°	651.1	777.4	912.2	1058.0	1211.4	1366.7	1526.1	1708.7	1903.9	2104.7	2324.5
-62.5°	581.3	694.8	815.2	944.5	1085.0	1225.5	1368.4	1519.4	1677.7	1858.0	2041.3
-65°	512.2	609.9	717.2	832.2	952.5	1078.7	1206.8	1336.2	1474.6	1623.2	1777.6
-67.5°	439.3	527.6	619.8	717.5	824.3	931.4	1043.3	1160.2	1277.9	1398.3	1525.0
-70°	373.7	443.7	524.1	609.3	695.6	783.3	880.0	980.4	1083.0	1185.3	1290.7
-72.5°	307.6	367.8	432.0	500.1	572.5	644.8	720.2	798.6	881.8	968.0	1055.6
-75°	247.5	290.2	342.8	399.6	454.9	509.3	565.9	629.6	695.5	762.0	828.2
-77.5°	192.0	226.0	262.6	301.7	340.2	383.9	428.6	474.3	522.0	571.0	620.7
-80°	139.0	160.5	187.5	216.7	244.6	272.9	301.9	331.7	362.8	397.1	434.2
-82.5°	92.1	107.4	123.5	140.3	155.8	171.3	187.8	208.1	228.5	249.5	270.9
-85°	49.2	53.8	63.2	73.3	83.2	93.1	103.1	113.0	123.1	133.0	142.6
-87.5°	28.6	30.9	33.2	35.5	38.0	40.5	43.0	45.5	48.8	52.2	55.6
-90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	11.2	11.5	11.8	12.0	12.3	12.6	12.9	13.2	13.5	13.8	14.1
87.5°	6.1	5.7	5.2	4.8	4.3	5.6	7.0	8.4	9.8	9.1	8.3
85°	12.4	12.5	12.6	12.7	12.7	14.2	15.7	17.1	18.5	17.0	15.5
82.5°	23.5	23.1	22.3	21.1	19.6	19.2	18.7	18.0	17.1	16.4	15.7
80°	37.3	35.4	32.9	30.0	26.8	25.1	23.5	21.8	19.9	19.4	18.9
77.5°	50.1	46.6	42.5	38.0	33.3	30.3	27.6	24.6	21.6	20.7	20.2
75°	59.2	54.7	48.8	42.5	35.9	31.2	27.5	23.9	20.2	19.4	19.2
72.5°	63.8	57.7	50.2	41.4	32.9	27.4	23.9	20.8	18.0	17.0	16.6
70°	60.0	50.8	42.1	33.9	26.4	21.4	19.0	16.8	14.9	14.4	14.7
67.5°	50.7	41.4	33.5	26.5	20.5	16.4	15.0	13.8	13.0	12.6	12.6
65°	39.6	31.7	25.3	20.0	15.7	13.2	12.7	12.2	11.8	11.4	11.0
62.5°	29.2	23.3	19.2	16.1	13.8	12.3	11.9	11.4	10.9	10.3	9.9
60°	22.7	18.0	16.0	14.7	13.5	12.5	12.1	11.9	11.7	11.5	11.2
57.5°	19.8	17.4	15.5	14.7	14.1	13.7	13.4	13.2	12.8	12.3	11.9
55°	19.3	17.5	15.8	15.4	15.1	14.8	14.4	14.0	13.6	13.1	12.9
52.5°	19.3	18.5	17.3	16.7	17.0	16.5	15.6	16.1	16.2	15.7	15.4
50°	21.9	22.1	22.3	20.4	22.4	23.2	22.1	23.0	24.4	24.6	24.5
47.5°	31.0	33.0	35.7	33.6	36.1	39.9	39.6	39.8	43.2	43.6	43.5
45°	49.5	58.4	62.6	65.0	64.1	72.8	74.5	71.7	76.2	77.1	75.8
42.5°	99.0	103.9	115.1	123.9	118.8	127.8	130.5	122.4	130.3	133.8	130.0
40°	221.7	176.2	209.2	232.0	224.1	206.7	236.9	226.0	225.0	237.6	227.8
37.5°	437.6	388.4	422.2	487.3	485.0	403.1	494.5	488.5	410.7	502.9	494.9
35°	784.8	875.7	835.1	956.9	992.1	1010.5	1061.2	1113.5	1056.2	1131.7	1129.8
32.5°	1405.3	1593.9	1677.2	1692.1	1848.3	1975.5	1921.6	2125.8	2113.4	2164.4	2216.6
30°	2218.6	2639.0	2851.8	2857.1	3116.2	3344.2	3416.6	3672.8	3824.3	3799.2	4052.9
27.5°	3539.7	3952.8	4303.2	4602.2	4804.1	5163.7	5664.2	5916.8	6289.1	6435.0	6785.9
25°	5032.5	5545.7	6098.9	6619.2	7046.5	7690.7	8313.6	8706.4	9239.1	9656.5	10080.8
22.5°	6649.7	7330.4	8040.2	8818.6	9613.4	10399.2	11155.8	11881.5	12591.8	13376.2	13855.7
20°	8303.0	9072.5	9936.4	10991.4	12094.0	13041.6	14075.1	15213.0	16300.9	17313.4	18078.1
17.5°	9559.4	10750.1	11686.1	12827.4	14196.6	15531.6	16849.1	18349.7	19733.7	21024.6	22175.9
15°	10518.9	11767.1	13123.6	14501.2	15943.7	17533.2	19345.5	20987.4	22697.0	24215.4	25637.3
12.5°	11355.2	12622.3	14042.1	15648.7	17468.1	19174.6	21074.0	23127.5	24941.3	26724.9	28059.1
10°	11972.4	13380.0	14819.4	16434.8	18290.1	20282.5	22340.9	24416.6	26450.4	28172.2	29605.5
7.5°	12312.9	13807.9	15313.8	17000.7	18908.2	20867.9	22924.2	25091.4	27138.5	28911.7	30228.0
5°	12590.1	14109.9	15598.4	17292.0	19279.5	21226.2	23196.1	25264.5	27408.0	29156.9	30526.4
2.5°	12832.0	14314.9	15766.8	17415.8	19464.0	21419.3	23444.7	25588.9	27661.7	29348.8	30681.9
0°	13042.0	14441.8	15861.8	17496.3	19638.2	21617.2	23609.8	25707.9	27819.4	29462.8	30812.2
-2.5°	12890.0	14262.6	15661.8	17332.6	19375.2	21322.0	23325.8	25450.4	27450.4	29115.1	30423.2
-5°	12494.0	13816.1	15205.5	16872.2	18822.0	20728.9	22706.0	24752.4	26632.5	28296.7	29500.1
-7.5°	11914.9	13209.2	14593.2	16233.7	18048.1	19778.8	21545.8	23442.8	25314.2	26783.5	27929.7
-10°	11271.2	12503.0	13776.9	15219.8	16826.3	18442.8	20066.4	21829.9	23478.7	24858.4	25961.7
-12.5°	10506.9	11601.2	12774.1	14032.6	15507.5	17047.1	18595.4	20140.0	21660.8	22901.9	23901.4
-15°	9681.5	10649.2	11720.4	12937.6	14251.8	15610.4	17007.0	18482.1	19851.7	21007.8	21889.0
-17.5°	8867.2	9733.7	10822.5	11929.2	12991.2	14237.0	15626.0	16845.9	18095.7	19133.9	19912.3
-20°	8176.9	9109.1	10055.8	11001.4	12015.9	13227.1	14404.8	15554.9	16665.5	17610.8	18384.9



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7726.9	8545.9	9353.8	10248.2	11279.5	12348.3	13414.3	14459.9	15465.1	16363.0	17099.2
-25°	7317.6	8010.8	8810.7	9718.8	10589.7	11527.2	12533.6	13407.6	14361.1	15174.3	15804.2
-27.5°	6959.9	7645.8	8430.9	9247.7	10035.3	10880.4	11797.0	12631.2	13489.2	14271.1	14820.8
-30°	6648.4	7359.0	8097.3	8844.5	9586.3	10368.1	11164.8	11971.0	12758.3	13467.3	13995.5
-32.5°	6382.9	7049.6	7742.0	8437.3	9113.7	9825.8	10564.9	11306.1	12035.5	12655.8	13173.0
-35°	6081.2	6719.3	7362.7	7987.2	8613.6	9250.7	9936.6	10630.4	11283.0	11849.4	12354.3
-37.5°	5744.4	6359.3	6946.4	7514.8	8095.6	8684.6	9320.0	9957.4	10556.8	11069.5	11550.9
-40°	5409.2	5969.5	6501.3	7031.9	7564.2	8115.9	8690.5	9261.3	9787.4	10272.3	10720.9
-42.5°	5061.0	5551.4	6035.4	6529.3	7020.4	7517.9	8031.2	8550.2	9019.1	9461.4	9859.1
-45°	4709.6	5130.5	5558.1	6010.5	6459.0	6905.5	7349.9	7788.1	8227.1	8639.2	8975.1
-47.5°	4336.0	4715.7	5103.9	5492.9	5894.8	6302.5	6691.0	7070.2	7458.0	7826.3	8103.8
-50°	3958.9	4310.5	4661.4	5004.1	5359.3	5717.9	6071.9	6405.7	6730.6	7043.8	7260.7
-52.5°	3579.1	3904.3	4225.8	4535.8	4844.0	5149.6	5449.5	5745.7	6030.3	6298.7	6470.7
-55°	3218.4	3508.4	3791.2	4061.9	4333.9	4602.3	4866.8	5125.9	5371.5	5602.3	5735.0
-57.5°	2879.2	3131.8	3379.3	3612.4	3840.1	4061.3	4295.1	4530.5	4751.7	4950.0	5057.0
-60°	2548.7	2776.2	2988.7	3183.5	3378.8	3573.0	3770.0	3964.3	4153.7	4318.4	4410.5
-62.5°	2223.6	2418.0	2598.9	2766.5	2927.8	3088.2	3259.1	3423.0	3579.0	3706.1	3784.1
-65°	1938.8	2103.5	2238.9	2372.4	2504.9	2645.9	2787.9	2923.2	3051.4	3151.0	3216.7
-67.5°	1661.9	1797.4	1910.1	2020.8	2131.7	2243.8	2358.1	2468.9	2575.2	2655.7	2712.9
-70°	1398.6	1501.0	1589.3	1679.4	1771.3	1863.0	1954.8	2043.2	2127.6	2188.9	2234.9
-72.5°	1144.0	1223.1	1291.8	1361.8	1430.9	1501.9	1573.0	1641.3	1706.4	1750.3	1782.6
-75°	894.1	951.5	1006.6	1060.0	1111.5	1164.3	1216.6	1266.7	1314.0	1347.3	1373.8
-77.5°	673.2	713.9	749.8	785.0	819.3	856.0	891.9	925.8	957.4	980.6	1000.1
-80°	471.6	497.9	520.8	542.4	562.5	585.2	607.5	628.6	648.3	661.8	672.6
-82.5°	292.7	308.1	321.9	334.6	346.1	358.0	369.1	379.1	388.1	398.6	408.4
-85°	151.8	158.2	164.0	169.5	174.5	179.3	183.7	187.6	191.0	192.9	194.3
-87.5°	59.0	60.5	61.8	63.1	64.2	65.8	67.2	68.6	69.8	71.0	72.1
-90°	3.4	3.1	2.8	2.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	14.3	14.6	14.6	14.6	14.6	14.6	14.3	14.1	13.8	13.5	13.2
87.5°	7.5	6.7	6.1	5.6	6.1	6.7	7.5	8.3	9.1	9.8	8.4
85°	13.9	12.3	11.2	10.1	11.2	12.3	13.9	15.5	17.0	18.5	17.1
82.5°	15.1	14.6	14.6	14.6	14.6	14.6	15.1	15.7	16.4	17.1	18.0
80°	18.5	18.0	18.5	19.1	18.5	18.0	18.5	18.9	19.4	19.9	21.8
77.5°	19.6	19.1	19.1	19.1	19.1	19.1	19.6	20.2	20.7	21.6	24.6
75°	19.1	19.1	18.6	18.0	18.6	19.1	19.1	19.2	19.4	20.2	23.9
72.5°	16.2	15.8	15.7	15.7	15.7	15.8	16.2	16.6	17.0	18.0	20.8
70°	15.1	15.6	15.2	14.6	15.2	15.6	15.1	14.7	14.4	14.9	16.8
67.5°	12.5	12.4	12.3	12.3	12.3	12.4	12.5	12.6	12.6	13.0	13.8
65°	10.6	10.2	10.1	10.1	10.1	10.2	10.6	11.0	11.4	11.8	12.2
62.5°	9.5	9.1	9.0	9.0	9.0	9.1	9.5	9.9	10.3	10.9	11.4
60°	10.7	10.2	9.6	9.0	9.6	10.2	10.7	11.2	11.5	11.7	11.9
57.5°	11.5	11.2	11.2	11.2	11.2	11.2	11.5	11.9	12.3	12.8	13.2
55°	12.6	12.4	12.3	12.3	12.3	12.4	12.6	12.9	13.1	13.6	14.0
52.5°	15.2	14.7	14.2	13.5	14.2	14.7	15.2	15.4	15.7	16.2	16.1
50°	24.0	22.9	22.3	22.5	22.3	22.9	24.0	24.5	24.6	24.4	23.0
47.5°	44.3	44.3	44.1	43.8	44.1	44.3	44.3	43.5	43.6	43.2	39.8
45°	75.4	72.4	69.5	68.5	69.5	72.4	75.4	75.8	77.1	76.2	71.7
42.5°	132.6	131.9	129.6	126.8	129.6	131.9	132.6	130.0	133.8	130.3	122.4
40°	230.4	227.2	221.8	223.4	221.8	227.2	230.4	227.8	237.6	225.0	226.0
37.5°	479.7	456.7	421.8	422.1	421.8	456.7	479.7	494.9	502.9	410.7	488.5
35°	1122.9	1141.8	1119.4	1119.2	1119.4	1141.8	1122.9	1129.8	1131.7	1056.2	1113.5
32.5°	2149.0	2117.7	1991.2	1925.2	1991.2	2117.7	2149.0	2216.6	2164.4	2113.4	2125.8
30°	4048.4	4068.5	3878.7	3883.0	3878.7	4068.5	4048.4	4052.9	3799.2	3824.3	3672.8
27.5°	6927.4	7081.5	7041.0	6973.4	7041.0	7081.5	6927.4	6785.9	6435.0	6289.1	5916.8
25°	10359.0	10475.0	10397.3	10350.1	10397.3	10475.0	10359.0	10080.8	9656.5	9239.1	8706.4
22.5°	14321.4	14483.0	14442.4	14237.5	14442.4	14483.0	14321.4	13855.7	13376.2	12591.8	11881.5
20°	18708.0	18984.8	19145.7	19042.1	19145.7	18984.8	18708.0	18078.1	17313.4	16300.9	15213.0
17.5°	22993.5	23350.6	23624.3	23716.4	23624.3	23350.6	22993.5	22175.9	21024.6	19733.7	18349.7
15°	26597.2	27107.8	27467.3	27594.9	27467.3	27107.8	26597.2	25637.3	24215.4	22697.0	20987.4
12.5°	29183.4	29847.9	30269.6	30396.3	30269.6	29847.9	29183.4	28059.1	26724.9	24941.3	23127.5
10°	30605.5	31443.1	31923.1	32123.3	31923.1	31443.1	30605.5	29605.5	28172.2	26450.4	24416.6
7.5°	31400.1	32156.6	32610.2	32677.3	32610.2	32156.6	31400.1	30228.0	28911.7	27138.5	25091.4
5°	31657.9	32345.3	32719.6	32754.2	32719.6	32345.3	31657.9	30526.4	29156.9	27408.0	25264.5
2.5°	31770.9	32351.7	32627.8	32557.2	32627.8	32351.7	31770.9	30681.9	29348.8	27661.7	25588.9
0°	31713.1	32232.2	32525.2	32569.0	32525.2	32232.2	31713.1	30812.2	29462.8	27819.4	25707.9
-2.5°	31242.1	31628.7	31836.5	31703.0	31836.5	31628.7	31242.1	30423.2	29115.1	27450.4	25450.4
-5°	30168.4	30446.6	30533.3	30582.0	30533.3	30446.6	30168.4	29500.1	28296.7	26632.5	24752.4
-7.5°	28616.4	28843.5	28929.1	28869.0	28929.1	28843.5	28616.4	27929.7	26783.5	25314.2	23442.8
-10°	26570.9	26778.9	26851.7	26810.2	26851.7	26778.9	26570.9	25961.7	24858.4	23478.7	21829.9
-12.5°	24500.4	24746.9	24803.5	24807.0	24803.5	24746.9	24500.4	23901.4	22901.9	21660.8	20140.0
-15°	22464.9	22746.8	22832.9	22908.2	22832.9	22746.8	22464.9	21889.0	21007.8	19851.7	18482.1
-17.5°	20464.9	20744.8	20817.5	20719.2	20817.5	20744.8	20464.9	19912.3	19133.9	18095.7	16845.9
-20°	18820.8	18965.9	19120.8	19119.5	19120.8	18965.9	18820.8	18384.9	17610.8	16665.5	15554.9



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	17463.0	17702.9	17834.8	17928.5	17834.8	17702.9	17463.0	17099.2	16363.0	15465.1	14459.9
-25°	16189.5	16393.2	16475.2	16537.6	16475.2	16393.2	16189.5	15804.2	15174.3	14361.1	13407.6
-27.5°	15208.4	15415.2	15532.2	15601.4	15532.2	15415.2	15208.4	14820.8	14271.1	13489.2	12631.2
-30°	14426.0	14629.2	14768.5	14856.0	14768.5	14629.2	14426.0	13995.5	13467.3	12758.3	11971.0
-32.5°	13583.0	13795.5	13940.7	14030.9	13940.7	13795.5	13583.0	13173.0	12655.8	12035.5	11306.1
-35°	12706.9	12919.5	13076.2	13149.7	13076.2	12919.5	12706.9	12354.3	11849.4	11283.0	10630.4
-37.5°	11855.8	12054.2	12192.8	12247.2	12192.8	12054.2	11855.8	11550.9	11069.5	10556.8	9957.4
-40°	10968.6	11155.8	11284.5	11334.5	11284.5	11155.8	10968.6	10720.9	10272.3	9787.4	9261.3
-42.5°	10074.0	10248.7	10367.5	10417.4	10367.5	10248.7	10074.0	9859.1	9461.4	9019.1	8550.2
-45°	9167.7	9323.1	9423.7	9462.1	9423.7	9323.1	9167.7	8975.1	8639.2	8227.1	7788.1
-47.5°	8275.8	8415.9	8502.4	8530.4	8502.4	8415.9	8275.8	8103.8	7826.3	7458.0	7070.2
-50°	7405.1	7519.8	7598.9	7643.5	7598.9	7519.8	7405.1	7260.7	7043.8	6730.6	6405.7
-52.5°	6599.7	6703.9	6766.0	6790.4	6766.0	6703.9	6599.7	6470.7	6298.7	6030.3	5745.7
-55°	5844.9	5935.1	5987.9	6009.1	5987.9	5935.1	5844.9	5735.0	5602.3	5371.5	5125.9
-57.5°	5147.8	5221.7	5271.5	5299.6	5271.5	5221.7	5147.8	5057.0	4950.0	4751.7	4530.5
-60°	4486.9	4547.5	4589.3	4613.7	4589.3	4547.5	4486.9	4410.5	4318.4	4153.7	3964.3
-62.5°	3848.9	3900.4	3934.2	3953.7	3934.2	3900.4	3848.9	3784.1	3706.1	3579.0	3423.0
-65°	3272.2	3317.3	3339.1	3347.5	3339.1	3317.3	3272.2	3216.7	3151.0	3051.4	2923.2
-67.5°	2761.9	2802.5	2817.2	2819.9	2817.2	2802.5	2761.9	2712.9	2655.7	2575.2	2468.9
-70°	2274.7	2307.8	2318.9	2320.3	2318.9	2307.8	2274.7	2234.9	2188.9	2127.6	2043.2
-72.5°	1809.1	1830.0	1846.1	1856.7	1846.1	1830.0	1809.1	1782.6	1750.3	1706.4	1641.3
-75°	1396.1	1413.9	1421.7	1424.5	1421.7	1413.9	1396.1	1373.8	1347.3	1314.0	1266.7
-77.5°	1016.7	1030.4	1033.4	1032.8	1033.4	1030.4	1016.7	1000.1	980.6	957.4	925.8
-80°	681.1	687.4	691.5	693.7	691.5	687.4	681.1	672.6	661.8	648.3	628.6
-82.5°	417.3	425.0	417.1	407.5	417.1	425.0	417.3	408.4	398.6	388.1	379.1
-85°	195.1	195.5	196.2	196.4	196.2	195.5	195.1	194.3	192.9	191.0	187.6
-87.5°	73.0	73.9	73.5	73.0	73.5	73.9	73.0	72.1	71.0	69.8	68.6
-90°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	12.9	12.6	12.3	12.0	11.8	11.5	11.2	10.7	10.1	9.6	9.0
87.5°	7.0	5.6	4.3	4.8	5.2	5.7	6.1	5.8	5.5	5.2	5.0
85°	15.7	14.2	12.7	12.7	12.6	12.5	12.4	12.2	11.8	11.4	10.8
82.5°	18.7	19.2	19.6	21.1	22.3	23.1	23.5	23.4	22.9	22.1	20.8
80°	23.5	25.1	26.8	30.0	32.9	35.4	37.3	38.1	38.5	38.4	37.1
77.5°	27.6	30.3	33.3	38.0	42.5	46.6	50.1	52.1	53.1	53.6	52.0
75°	27.5	31.2	35.9	42.5	48.8	54.7	59.2	62.3	64.8	66.6	64.9
72.5°	23.9	27.4	32.9	41.4	50.2	57.7	63.8	69.0	73.5	77.3	74.7
70°	19.0	21.4	26.4	33.9	42.1	50.8	60.0	69.3	78.4	84.4	80.1
67.5°	15.0	16.4	20.5	26.5	33.5	41.4	50.7	61.4	71.7	81.4	79.4
65°	12.7	13.2	15.7	20.0	25.3	31.7	39.6	48.9	59.9	70.9	71.3
62.5°	11.9	12.3	13.8	16.1	19.2	23.3	29.2	37.4	46.8	54.4	57.1
60°	12.1	12.5	13.5	14.7	16.0	18.0	22.7	28.3	34.7	41.1	44.3
57.5°	13.4	13.7	14.1	14.7	15.5	17.4	19.8	22.4	27.7	31.4	34.2
55°	14.4	14.8	15.1	15.4	15.8	17.5	19.3	21.6	23.9	25.0	28.5
52.5°	15.6	16.5	17.0	16.7	17.3	18.5	19.3	21.3	23.2	24.6	25.4
50°	22.1	23.2	22.4	20.4	22.3	22.1	21.9	22.3	24.6	25.8	25.8
47.5°	39.6	39.9	36.1	33.6	35.7	33.0	31.0	29.2	32.7	29.4	29.0
45°	74.5	72.8	64.1	65.0	62.6	58.4	49.5	54.2	50.0	44.8	34.4
42.5°	130.5	127.8	118.8	123.9	115.1	103.9	99.0	104.1	87.2	70.8	74.6
40°	236.9	206.7	224.1	232.0	209.2	176.2	221.7	190.5	162.3	116.7	153.6
37.5°	494.5	403.1	485.0	487.3	422.2	388.4	437.6	394.5	275.4	291.3	296.4
35°	1061.2	1010.5	992.1	956.9	835.1	875.7	784.8	694.3	596.2	563.9	510.3
32.5°	1921.6	1975.5	1848.3	1692.1	1677.2	1593.9	1405.3	1132.0	1133.1	1021.5	834.7
30°	3416.6	3344.2	3116.2	2857.1	2851.8	2639.0	2218.6	2035.8	1867.1	1613.8	1257.7
27.5°	5664.2	5163.7	4804.1	4602.2	4303.2	3952.8	3539.7	3112.4	2751.9	2366.0	1886.8
25°	8313.6	7690.7	7046.5	6619.2	6098.9	5545.7	5032.5	4433.3	3830.2	3224.9	2617.7
22.5°	11155.8	10399.2	9613.4	8818.6	8040.2	7330.4	6649.7	5855.0	4935.3	4085.6	3383.4
20°	14075.1	13041.6	12094.0	10991.4	9936.4	9072.5	8303.0	7208.7	5980.8	4947.9	4129.0
17.5°	16849.1	15531.6	14196.6	12827.4	11686.1	10750.1	9559.4	8279.8	6957.2	5759.0	4841.2
15°	19345.5	17533.2	15943.7	14501.2	13123.6	11767.1	10518.9	9253.4	7869.9	6574.1	5491.8
12.5°	21074.0	19174.6	17468.1	15648.7	14042.1	12622.3	11355.2	10086.3	8634.0	7114.0	5854.9
10°	22340.9	20282.5	18290.1	16434.8	14819.4	13380.0	11972.4	10530.2	8960.4	7437.5	6156.5
7.5°	22924.2	20867.9	18908.2	17000.7	15313.8	13807.9	12312.9	10811.7	9193.8	7661.7	6398.9
5°	23196.1	21226.2	19279.5	17292.0	15598.4	14109.9	12590.1	11025.4	9336.0	7796.6	6584.6
2.5°	23444.7	21419.3	19464.0	17415.8	15766.8	14314.9	12832.0	11241.2	9512.8	7937.2	6703.4
0°	23609.8	21617.2	19638.2	17496.3	15861.8	14441.8	13042.0	11433.3	9666.4	8035.3	6774.7
-2.5°	23325.8	21322.0	19375.2	17332.6	15661.8	14262.6	12890.0	11353.7	9636.6	8035.2	6777.6
-5°	22706.0	20728.9	18822.0	16872.2	15205.5	13816.1	12494.0	11058.7	9461.9	7947.7	6736.9
-7.5°	21545.8	19778.8	18048.1	16233.7	14593.2	13209.2	11914.9	10549.9	9077.5	7658.7	6496.9
-10°	20066.4	18442.8	16826.3	15219.8	13776.9	12503.0	11271.2	9994.1	8631.9	7312.5	6218.1
-12.5°	18595.4	17047.1	15507.5	14032.6	12774.1	11601.2	10506.9	9383.3	8133.5	6910.9	5904.7
-15°	17007.0	15610.4	14251.8	12937.6	11720.4	10649.2	9681.5	8678.4	7569.5	6475.9	5559.9
-17.5°	15626.0	14237.0	12991.2	11929.2	10822.5	9733.7	8867.2	7988.5	7042.8	6098.4	5264.4
-20°	14404.8	13227.1	12015.9	11001.4	10055.8	9109.1	8176.9	7342.1	6554.3	5755.7	5009.1



REPORT NUMBER: P1306081 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13414.3	12348.3	11279.5	10248.2	9353.8	8545.9	7726.9	6897.0	6098.0	5404.6	4762.1
-25°	12533.6	11527.2	10589.7	9718.8	8810.7	8010.8	7317.6	6582.4	5820.4	5094.1	4534.0
-27.5°	11797.0	10880.4	10035.3	9247.7	8430.9	7645.8	6959.9	6279.7	5572.5	4920.1	4345.0
-30°	11164.8	10368.1	9586.3	8844.5	8097.3	7359.0	6648.4	6003.0	5346.9	4731.8	4187.7
-32.5°	10564.9	9825.8	9113.7	8437.3	7742.0	7049.6	6382.9	5723.3	5092.1	4540.9	4036.2
-35°	9936.6	9250.7	8613.6	7987.2	7362.7	6719.3	6081.2	5434.9	4846.4	4329.3	3860.8
-37.5°	9320.0	8684.6	8095.6	7514.8	6946.4	6359.3	5744.4	5155.3	4598.8	4106.0	3662.4
-40°	8690.5	8115.9	7564.2	7031.9	6501.3	5969.5	5409.2	4862.2	4352.1	3860.7	3444.3
-42.5°	8031.2	7517.9	7020.4	6529.3	6035.4	5551.4	5061.0	4566.9	4088.0	3630.9	3213.1
-45°	7349.9	6905.5	6459.0	6010.5	5558.1	5130.5	4709.6	4257.3	3812.6	3387.2	2974.5
-47.5°	6691.0	6302.5	5894.8	5492.9	5103.9	4715.7	4336.0	3934.4	3526.5	3128.1	2761.6
-50°	6071.9	5717.9	5359.3	5004.1	4661.4	4310.5	3958.9	3605.7	3230.2	2874.4	2539.7
-52.5°	5449.5	5149.6	4844.0	4535.8	4225.8	3904.3	3579.1	3264.4	2933.1	2621.3	2325.2
-55°	4866.8	4602.3	4333.9	4061.9	3791.2	3508.4	3218.4	2932.4	2653.8	2371.1	2116.5
-57.5°	4295.1	4061.3	3840.1	3612.4	3379.3	3131.8	2879.2	2623.7	2377.9	2136.3	1906.2
-60°	3770.0	3573.0	3378.8	3183.5	2988.7	2776.2	2548.7	2324.5	2104.7	1903.9	1708.7
-62.5°	3259.1	3088.2	2927.8	2766.5	2598.9	2418.0	2223.6	2041.3	1858.0	1677.7	1519.4
-65°	2787.9	2645.9	2504.9	2372.4	2238.9	2103.5	1938.8	1777.6	1623.2	1474.6	1336.2
-67.5°	2358.1	2243.8	2131.7	2020.8	1910.1	1797.4	1661.9	1525.0	1398.3	1277.9	1160.2
-70°	1954.8	1863.0	1771.3	1679.4	1589.3	1501.0	1398.6	1290.7	1185.3	1083.0	980.4
-72.5°	1573.0	1501.9	1430.9	1361.8	1291.8	1223.1	1144.0	1055.6	968.0	881.8	798.6
-75°	1216.6	1164.3	1111.5	1060.0	1006.6	951.5	894.1	828.2	762.0	695.5	629.6
-77.5°	891.9	856.0	819.3	785.0	749.8	713.9	673.2	620.7	571.0	522.0	474.3
-80°	607.5	585.2	562.5	542.4	520.8	497.9	471.6	434.2	397.1	362.8	331.7
-82.5°	369.1	358.0	346.1	334.6	321.9	308.1	292.7	270.9	249.5	228.5	208.1
-85°	183.7	179.3	174.5	169.5	164.0	158.2	151.8	142.6	133.0	123.1	113.0
-87.5°	67.2	65.8	64.2	63.1	61.8	60.5	59.0	55.6	52.2	48.8	45.5
-90°	2.2	2.2	2.2	2.5	2.8	3.1	3.4	3.4	3.4	3.4	3.4



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	8.7	8.5	8.2	7.9	7.9	7.9	7.9	7.9	7.6	7.3	7.0
87.5°	5.8	6.6	7.3	7.9	7.4	7.0	6.6	6.2	6.5	6.6	6.8
85°	11.0	11.3	11.8	12.4	11.6	10.6	9.8	9.1	9.3	9.3	9.3
82.5°	18.8	17.8	17.3	17.0	16.8	16.3	15.3	14.0	12.6	12.0	11.9
80°	33.3	29.8	26.6	24.0	22.5	22.0	21.4	19.9	16.9	14.8	13.7
77.5°	46.7	41.8	37.4	33.0	29.1	26.4	25.1	24.4	20.9	17.4	15.2
75°	59.0	52.6	46.6	40.7	35.1	30.4	27.2	25.2	22.4	19.7	16.5
72.5°	67.2	60.3	54.1	47.7	40.4	34.2	29.3	25.8	23.0	20.2	17.4
70°	72.9	66.2	59.2	51.9	44.6	37.6	31.4	27.2	23.6	20.7	17.9
67.5°	76.3	68.8	61.9	55.3	47.8	40.4	33.2	28.6	24.9	21.2	18.3
65°	68.7	66.2	63.4	56.3	49.7	42.9	35.3	30.3	26.2	22.4	18.7
62.5°	58.8	58.8	57.1	55.4	50.1	43.6	37.4	32.3	27.5	23.4	19.4
60°	46.5	48.6	50.2	49.8	48.0	43.6	38.2	34.1	29.0	24.4	20.3
57.5°	37.5	39.0	42.2	44.1	43.6	41.5	38.6	35.0	30.3	25.5	21.2
55°	30.7	33.3	35.9	38.2	39.2	38.0	38.4	35.5	31.4	26.4	22.2
52.5°	27.2	29.8	32.4	34.0	35.1	35.7	37.4	36.1	32.0	27.2	23.3
50°	26.1	28.9	30.8	32.0	32.1	34.8	37.1	36.2	32.6	27.9	24.5
47.5°	30.1	32.4	31.7	31.5	31.5	34.9	37.5	36.9	33.2	28.5	25.8
45°	44.7	41.0	36.8	33.7	33.8	37.4	38.8	38.0	34.3	30.1	27.2
42.5°	70.9	63.7	48.7	36.8	43.2	41.4	40.8	39.9	35.9	32.0	28.8
40°	143.5	100.4	69.4	64.3	59.4	46.9	45.3	42.5	38.0	34.4	30.6
37.5°	244.7	177.3	112.5	114.8	88.5	66.7	50.9	45.6	41.7	37.4	32.6
35°	420.2	295.8	234.4	208.7	149.9	91.1	57.3	50.0	46.2	40.7	34.7
32.5°	637.2	519.8	458.9	351.5	226.7	120.1	74.9	58.3	51.2	44.0	36.9
30°	1004.0	906.8	735.6	526.8	335.1	191.3	105.8	67.8	56.8	47.5	39.4
27.5°	1557.1	1363.3	1072.5	780.0	502.3	277.9	151.6	78.5	62.7	51.5	42.2
25°	2159.5	1880.6	1511.2	1081.1	690.6	415.5	207.5	91.3	70.7	56.3	45.0
22.5°	2824.8	2415.3	1995.5	1410.2	899.6	575.2	296.5	134.0	80.0	61.3	47.9
20°	3462.3	2959.6	2479.7	1668.6	1122.7	761.1	420.5	181.8	89.8	66.4	50.7
17.5°	4081.5	3406.4	2741.4	1950.0	1341.5	936.6	554.6	233.6	99.8	71.6	53.5
15°	4503.7	3704.9	2986.5	2201.4	1537.0	1101.7	695.6	288.1	110.0	76.8	57.8
12.5°	4827.2	3975.3	3220.4	2422.8	1710.2	1256.2	840.1	343.9	120.2	84.8	63.9
10°	5105.0	4217.1	3439.8	2614.6	1862.4	1400.2	984.7	396.5	136.0	95.2	70.0
7.5°	5338.3	4429.8	3641.1	2777.5	1986.9	1495.2	1073.3	439.3	152.3	105.5	76.1
5°	5520.3	4587.4	3800.2	2888.5	2051.5	1537.9	1140.3	476.7	168.2	115.6	82.0
2.5°	5628.6	4673.0	3920.4	2971.0	2103.2	1569.4	1192.4	508.1	183.3	125.4	87.7
0°	5699.3	4728.2	4010.9	3027.6	2140.7	1590.7	1229.2	533.2	197.6	134.7	93.2
-2.5°	5726.2	4736.5	4024.0	3099.8	2217.0	1656.5	1264.9	602.8	264.3	180.4	122.5
-5°	5711.3	4719.5	4010.6	3145.2	2277.2	1711.2	1287.4	665.6	328.9	224.8	151.1
-7.5°	5532.8	4620.0	3941.3	3152.1	2320.6	1753.1	1299.0	721.5	390.4	267.2	178.4
-10°	5294.4	4459.9	3797.5	3057.2	2316.0	1778.3	1305.2	770.6	447.9	306.9	204.2
-12.5°	5030.1	4279.0	3641.3	2953.6	2295.1	1792.0	1322.4	816.5	500.5	343.3	228.0
-15°	4743.9	4078.5	3477.0	2846.7	2265.9	1798.9	1331.7	855.7	548.0	377.8	249.4
-17.5°	4462.4	3860.1	3308.8	2741.4	2230.4	1800.1	1334.3	886.1	590.0	411.0	272.3
-20°	4309.4	3701.4	3143.4	2642.3	2190.1	1796.8	1331.4	907.2	626.0	440.4	295.7



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4156.7	3597.4	3064.0	2572.0	2156.1	1789.7	1324.0	918.9	655.6	465.4	316.0
-25°	3996.2	3488.0	2987.1	2522.2	2133.4	1764.0	1320.3	920.9	678.3	486.0	333.1
-27.5°	3854.1	3377.5	2898.2	2453.2	2088.9	1736.9	1314.5	942.7	696.1	501.8	346.8
-30°	3721.0	3265.9	2804.1	2372.4	2028.3	1671.3	1297.2	956.5	712.0	515.3	356.7
-32.5°	3583.6	3143.5	2690.8	2293.4	1947.8	1596.8	1248.4	960.7	721.5	525.4	365.3
-35°	3423.3	2995.2	2558.6	2195.5	1857.5	1519.9	1193.8	955.1	724.3	530.4	370.7
-37.5°	3241.4	2821.5	2433.6	2085.1	1760.8	1437.3	1154.0	926.9	720.5	530.2	372.1
-40°	3040.2	2648.0	2290.3	1973.1	1662.7	1349.3	1106.7	897.1	713.8	524.8	369.6
-42.5°	2828.6	2478.5	2153.5	1854.3	1560.9	1288.1	1053.8	861.6	689.5	516.5	363.0
-45°	2630.8	2306.1	2011.6	1733.7	1459.1	1219.3	1008.0	821.7	658.9	504.1	354.0
-47.5°	2426.7	2139.6	1868.0	1606.2	1372.9	1147.4	956.0	781.9	624.0	486.1	343.6
-50°	2234.2	1972.1	1723.5	1491.5	1274.6	1082.2	899.8	737.2	589.1	456.0	329.7
-52.5°	2053.1	1810.3	1586.9	1376.2	1187.4	1010.2	843.2	688.1	550.3	426.8	312.5
-55°	1873.3	1656.2	1453.5	1269.7	1098.4	937.2	781.3	638.7	507.7	396.1	292.5
-57.5°	1700.2	1503.4	1331.1	1165.9	1007.3	858.6	717.6	585.0	466.2	362.5	273.2
-60°	1526.1	1366.7	1211.4	1058.0	912.2	777.4	651.1	529.3	422.8	327.3	248.8
-62.5°	1368.4	1225.5	1085.0	944.5	815.2	694.8	581.3	474.2	376.1	294.5	221.8
-65°	1206.8	1078.7	952.5	832.2	717.2	609.9	512.2	415.5	332.8	259.6	195.2
-67.5°	1043.3	931.4	824.3	717.5	619.8	527.6	439.3	360.8	288.9	222.9	172.2
-70°	880.0	783.3	695.6	609.3	524.1	443.7	373.7	306.6	242.9	193.1	148.1
-72.5°	720.2	644.8	572.5	500.1	432.0	367.8	307.6	252.6	205.4	162.2	123.0
-75°	565.9	509.3	454.9	399.6	342.8	290.2	247.5	206.9	166.9	130.2	101.2
-77.5°	428.6	383.9	340.2	301.7	262.6	226.0	192.0	159.9	129.1	103.2	80.1
-80°	301.9	272.9	244.6	216.7	187.5	160.5	139.0	118.1	95.9	76.0	58.5
-82.5°	187.8	171.3	155.8	140.3	123.5	107.4	92.1	77.4	62.0	48.3	40.2
-85°	103.1	93.1	83.2	73.3	63.2	53.8	49.2	44.7	39.2	34.1	29.2
-87.5°	43.0	40.5	38.0	35.5	33.2	30.9	28.6	26.4	23.5	20.7	18.1
-90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.7	4.0	4.2



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.7	6.4	6.2	5.9	5.6	5.1	4.5
87.5°	6.8	6.5	6.2	6.1	6.0	5.2	4.5
85°	9.1	8.2	7.4	6.8	6.4	5.4	4.5
82.5°	11.4	9.9	8.5	7.5	6.8	5.6	4.5
80°	13.5	11.5	9.7	8.2	7.1	5.7	4.5
77.5°	14.0	12.6	10.8	8.9	7.5	5.9	4.5
75°	14.4	12.9	11.7	9.6	7.9	6.0	4.5
72.5°	14.8	13.0	11.7	10.3	8.2	6.2	4.5
70°	15.2	13.2	11.7	10.8	8.6	6.4	4.5
67.5°	15.7	13.3	11.7	10.7	8.9	6.5	4.5
65°	16.1	13.6	11.7	10.6	9.2	6.6	4.5
62.5°	16.6	14.0	11.6	10.5	9.5	6.8	4.5
60°	17.1	14.5	11.5	10.3	9.8	6.9	4.5
57.5°	17.9	14.9	11.8	10.2	9.7	7.0	4.5
55°	18.8	15.4	12.2	10.0	9.6	7.2	4.5
52.5°	19.7	15.9	12.6	9.8	9.6	7.3	4.5
50°	20.5	16.6	13.0	9.6	9.5	7.4	4.5
47.5°	21.4	17.3	13.4	9.5	9.4	7.5	4.5
45°	22.6	18.0	13.7	9.7	9.4	7.6	4.5
42.5°	23.9	18.6	14.1	10.0	9.4	7.7	4.5
40°	25.3	19.2	14.5	10.4	9.4	7.7	4.5
37.5°	26.7	19.8	14.9	10.9	9.4	7.8	4.5
35°	28.1	20.7	15.3	11.5	9.4	7.9	4.5
32.5°	29.7	21.8	15.7	12.0	9.4	7.9	4.5
30°	31.4	22.9	16.1	12.6	9.4	8.0	4.5
27.5°	33.2	23.9	17.2	13.2	9.4	8.0	4.5
25°	35.0	25.0	18.5	13.8	9.5	8.0	4.5
22.5°	36.8	26.5	19.9	14.4	9.5	8.0	4.5
20°	38.6	29.4	21.3	15.0	9.6	8.1	4.5
17.5°	41.9	32.3	22.8	15.6	9.7	8.1	4.5
15°	46.1	35.2	24.3	16.2	9.7	8.1	4.5
12.5°	50.3	38.1	25.7	16.7	9.8	8.1	4.5
10°	54.4	41.0	27.2	17.3	9.9	8.0	4.5
7.5°	58.4	43.8	28.6	17.8	9.9	8.0	4.5
5°	62.3	46.6	30.0	18.3	10.0	8.0	4.5
2.5°	66.0	49.2	31.4	18.7	10.0	7.9	4.5
0°	69.6	51.6	32.6	19.1	10.1	7.9	4.5
-2.5°	87.0	61.7	37.9	21.4	10.9	8.0	4.5
-5°	104.1	71.5	43.0	23.7	11.6	8.2	4.5
-7.5°	120.4	80.9	47.9	25.8	12.4	8.3	4.5
-10°	135.9	89.7	52.5	27.9	13.1	8.4	4.5
-12.5°	150.4	97.8	56.8	29.8	13.8	8.5	4.5
-15°	163.5	105.2	60.6	31.5	14.4	8.6	4.5
-17.5°	175.2	111.7	64.1	33.0	15.0	8.7	4.5
-20°	188.0	117.3	67.0	34.3	15.5	8.8	4.5



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	203.3	121.8	69.4	35.4	16.0	8.8	4.5
-25°	216.3	128.7	71.2	36.2	16.4	8.9	4.5
-27.5°	226.9	135.6	72.4	36.8	16.7	8.9	4.5
-30°	234.9	141.0	73.2	37.1	17.0	8.9	4.5
-32.5°	240.3	144.8	76.0	37.1	17.2	8.9	4.5
-35°	244.1	146.9	77.8	36.8	17.3	8.9	4.5
-37.5°	245.9	147.9	78.6	36.2	17.3	8.9	4.5
-40°	245.2	148.4	78.4	35.3	17.2	8.8	4.5
-42.5°	241.9	147.3	78.0	34.5	17.1	8.8	4.5
-45°	236.1	144.6	77.5	34.1	16.9	8.7	4.5
-47.5°	227.7	140.3	76.2	33.2	16.5	8.6	4.5
-50°	219.3	134.4	74.0	32.9	16.1	8.5	4.5
-52.5°	209.1	126.9	71.1	32.6	15.6	8.4	4.5
-55°	196.7	120.6	67.3	31.9	15.1	8.2	4.5
-57.5°	182.2	113.7	62.8	30.8	14.4	8.1	4.5
-60°	166.2	105.5	57.6	29.4	13.7	7.9	4.5
-62.5°	152.9	96.2	54.0	27.6	13.2	7.7	4.5
-65°	138.1	85.9	49.8	25.6	12.7	7.5	4.5
-67.5°	121.9	76.4	45.1	23.3	12.1	7.3	4.5
-70°	104.4	67.7	39.9	20.7	11.5	7.1	4.5
-72.5°	89.8	58.3	34.3	18.9	10.8	6.8	4.5
-75°	74.9	48.4	28.3	17.3	10.1	6.6	4.5
-77.5°	59.2	37.9	24.5	15.6	9.4	6.4	4.5
-80°	42.9	30.4	21.0	13.7	8.7	6.1	4.5
-82.5°	33.4	24.6	17.4	11.8	7.9	5.9	4.5
-85°	24.6	18.6	13.7	9.9	7.2	5.6	4.5
-87.5°	15.7	12.6	9.9	7.9	6.4	5.3	4.5
-90°	4.5	4.8	5.1	5.3	5.6	5.1	4.5

(END OF REPORT)